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**REMARKS****ON THE CLAIMS**

Claims were previously amended in three submittals dated July 5, 2005, September 8, 2005 and November 3, 2005. The November 3, 2005 amendment and this amendment are submitted under 37 CFR 1.312. When considering all amendments, their associated REMARKS, and previously submitted Terminal Disclaimers to Lang's US Patent 6,522,994 and to Lang's US Patent 6,651,035 addressed all issues raised by the PTO.

No claim has been deleted nor added in this submittal. Only non-substantive changes to four claims (47-49 and 74) were made relative to the September 8, 2005 amendment. Changes to these Claims made in the November 3, 2005 submittal were not Entered. The current changes reverse the November 3, 2005 amendments back to those of September 8, 2005, excepting the following phraseology changes made herein:

Claim 47 (9/8/2005 => current):

- 1<sup>st</sup> clause: changed "developing" to "installing";
- 6<sup>th</sup> clause: changed "calculating" to "computing".

Claim 48 (9/8/2005 => current):

- 1<sup>st</sup> clause: changed "calculating a fuel heating value as ..." to "using a fuel heating value computed as ...".

Claim 49 (9/8/2005 => current):

- 2<sup>nd</sup> clause: changed "completing" to "obtaining";
- 3<sup>rd</sup> clause: changed "calculating" to "obtaining".

Claim 74 (9/8/2005 => current):

- 1<sup>st</sup> clause: changed "determining" to "using";
- 2<sup>nd</sup> clause: changed "developing" to "using";
- 3<sup>rd</sup> clause: changed "solving" to "resolving".

For completeness, note that amendments made in the November 3, 2005 submittal which were Entered include the following:

Claim 17 (9/8/2005 => 11/03/2005):

- 1<sup>st</sup> clause: changed "selecting" to "using".

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Claim 61 (9/8/2005 =&gt; 11/03/2005):

1<sup>st</sup> clause: changed "calculating" to "computing".

Claim 73 (9/8/2005 =&gt; 11/03/2005):

2<sup>nd</sup> clause: changed "determining" to "using".

In summary, claims 1-76 are pending. In the Notice of Allowance, mailed from the PTO on October 26, 2005, claims 1-61 and 64-76 were allowed. Claims 62-63 were cancelled in a previous submittal. Claims 47-49 and 74 are modified herein to better describe the invention. The following table explains the claim history of Application 10/715,319 as to amendments submitted:

Claim	First Claim Amend (7/5/05)	Second Claim Amend (9/8/05)	Third Claim 1.312 Amend (11/3/05)	Fourth Claim 1.312 Amend (11/14/05)	Claim	First Claim Amend (7/5/05)	Second Claim Amend (9/8/05)	Third Claim 1.312 Amend (11/3/05)	Fourth Claim 1.312 Amend (11/14/05)
1	yes	no	no	no	48-49	no	yes	yes, but not Entered	yes, regards 2 <sup>nd</sup> Amend.
2	yes	no	no	no	50-60	no	no	no	no
3	yes	no	no	no	61	no	yes	yes, Entered	no
4	no	no	no	no	62	no	cancelled	—	—
5	yes	no	no	no	63	no	cancelled	—	—
6-16	no	no	no	no	64-68	no	no	no	no
17	yes	yes	yes, Entered	no	69-71	new	yes	no	no
18-25	no	no	no	no	72	new	no	no	no
26	yes	no	no	no	73	new	yes	yes, Entered	no
27-46	no	no	no	no	74	--	new	yes, but not Entered	yes, regards 2 <sup>nd</sup> Amend.
47	yes	yes	yes, but not Entered	yes, regards 2 <sup>nd</sup> Amend.	75-76	—	new	no	no

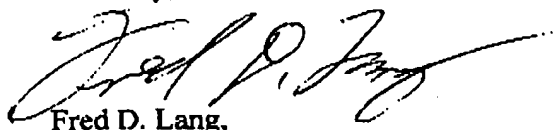
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This document is respectfully submitted by the *pro se* Applicant, Fred D. Lang, and the Assignee, Exergetic Systems, LLC as represented by the *pro se* Applicant, Fred D. Lang, he being the President of Exergetic Systems, LLC. Thank you for considering this submittal.

Sincerely,



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